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25 August 2020

**NUCLEAR ENERGY AGENCY
NUCLEAR SCIENCE COMMITTEE**

Working Party on International Nuclear Data Evaluation Co-operation

**First Meeting of the WPEC Subgroup 50 on Developing an Automatically
Readable, Comprehensive and Curated Experimental Reaction Database**

Agenda

14-15 September 2020
WebEx Meeting

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JT03464630

OECD/NEA Nuclear Science Committee
Working Party on International Nuclear Data Evaluation Co-operation (WPEC)

**Meeting of Subgroup 50 on Developing an Automatically Readable, Comprehensive
and Curated Experimental Reaction Database**

WebEx Meeting

AGENDA

14 September 2020

Duration	PDT	CEST	JST	Title	Speaker
00:10	05:00	14:00	21:00	Introduction	A. Lewis
00:20	05:10	14:10	21:10	EXFOR and machine readability	B. Pritychenko
00:10	05:30	14:30	21:30	Philosophy of the new database	S. Okumura
00:20	05:40	14:40	21:40	EXFOR Systems	V. Zerkin
00:10	06:00	15:00	22:00	An EXFOR JSON database and its potential for nuclear data	G. Schnabel
00:10	06:10	15:10	22:10	x4i Program	D. Brown
00:10	06:20	15:20	22:20	Needs and Contributions to a future EXFOR	I. Thompson
00:10	06:30	15:30	22:30	Short break	
00:10	06:40	15:40	22:40	Using measurement features for ML of experiments	D. Neudecker
00:10	06:50	15:50	22:50	Machine-readability for LOFI covariances	K. Wendt
00:10	07:00	16:00	23:00	Uppsala experience of automatic data retrieval and covariance interpretation	H. Sjöstrand
00:10	07:10	16:10	23:10	Co-operation between SG50 and SG49	M. Herman
00:10	07:20	16:20	23:20	Features needed for traditional evaluation methods	R. Xu
00:10	07:30	16:30	23:30	Short break	
00:10	07:40	16:40	23:40	Lessons learned from GNDS	C. Mattoon
00:20	07:50	16:50	23:50	Object-oriented databasing for nuclear data	A. Hayes
00:20	08:10	17:10	00:10	Determination of scope - isotopes, energy regions, observables	A. Koning
00:30	08:30	17:30	00:30	Discussion	All
	09:00	18:00	01:00	Close day 1	

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AGENDA

15 September 2020

Duration	PDT	CEST	JST	Title	Speaker
00:05	05:00	14:00	21:00	Introduction	A. Lewis
00:10	05:05	14:05	21:05	Capture and total fast region templates	A. Lewis
00:10	05:15	14:15	21:15	Evaluation needs for cross sections	O. Iwamoto
00:15	05:25	14:25	21:25	(n,f), PFNS, nu-bar templates and evaluation needs	D. Neudecker
00:15	05:40	14:40	21:40	Experimental Neutron Cross Section Measurements in the Fast Range	D. Smith
00:30	05:55	14:55	21:55	Discussion on fast range	All
00:15	06:25	15:25	22:25	Short break	
00:15	06:40	15:40	22:40	Existing RR EXFOR template	P. Schillebeeckx
00:10	06:55	15:55	22:55	Providing RRR data and uncertainties	Y. Danon
00:05	07:05	16:05	23:05	Providing URR data and uncertainties	J. Brown
00:10	07:10	16:10	23:10	Resonance region uncertainty templates	A. Lewis
00:10	07:20	16:20	23:20	Evaluation needs for the RR	V. Sobes
00:30	07:30	16:30	23:30	Discussion on resonance range	All
00:10	08:00	17:00	00:00	Short break	
00:30	08:10	17:10	00:10	Finalisation on the scope of SG50	A. Lewis
00:20	08:40	17:40	00:40	Actions and AOB	A. Lewis
	09:00	18:00	01:00	Close day 2	